

Supermicro MBD-X11SSL-F, Single SKT, Intel C232 Chipset, SATA, 2xGbE, IPMI

Part number: MBD-X11SSL-F-O



Category	Server
Form Factor	Micro-ATX
Dimensions	9.6" x 9.6"
CPU Socket	LGA 1151 (Socket H4)
# of CPU sockets	1
Supported CPU's	Intel Xeon E3-1200v5
Chipset	Intel C232 Skylake
Memory Type	DDR4 ECC UDIMM
Memory Speed	2133 MHz 1866 MHz 1600 MHz
# of DIMM's	4
Max Memory Size	64 GB
Integrated GPU	Aspeed AST2400
# of PCIe x4 3.0	1
# of PCIe x8 3.0	2
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A 2 x USB 2.0 (rear) 4 x USB 2.0 (header)
# of SATA Ports	6
# of SATA DOM power	2
Storage Controllers	6 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (rear)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i210 Dual Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header

Product SKUs



MBD-X11SSL-F • X11SSL-F (Bulk Pack)

Physical Stats



Form Factor • Micro-ATX

Dimensions • 9.6" x 9.6" (24.38cm x 24.38cm)

Processor/Cache



CPU

- Intel® 6th Generation Core™ i3 series
- Intel® Celeron®
- Intel® Pentium®
- Intel® Xeon® processor E3-1200 v5 series
- Socket H4 (LGA 1151) supported; CPU TDP support 80W

System Memory

Memory Capacity • 64GB Unbuffered ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots

Memory Type • 2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs

DIMM Sizes • 4GB, 8GB, 16GB

Memory Voltage • 1.2 V

Error Detection • Corrects single-bit errors
• Corrects single-bit errors Detects double-bit errors (using ECC memory)

On-Board Devices

Chipset • Intel® C232

SATA • Intel® C232 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10

Network Controllers • Dual LAN with Intel® Ethernet Controller I210-AT

Graphics • Aspeed AST2400 BMC

Input / Output



USB

- 6 USB 2.0 ports (2 rear, 4 via header)
- 5 USB 3.0 ports (2 rear, 2 via header, 1 Type A)

Video Output

- 1 VGA
- 1 Aspeed AST2400 BMC

Serial Port / Header

- 1 COM Ports (1 rear)

TPM

- Header

Expansion Slots



PCI-E

- 1 PCI-E 3.0 x8 (in x16 slot)
- 1 PCI-E 3.0 x8
- 1 PCI-E 3.0 x4 (in x8 slot)

System BIOS



BIOS Type

- 128Mb SPI Flash EEPROM with AMI BIOS
- ACPI 1.0 / 2.0 / 3.0 / 4.0
- APM 1.2
- DMI 2.3
- Hardware BIOS Virus protection

BIOS Features

- PCI 2.3
- Plug and Play (PnP)
- RTC (Real Time Clock) Wakeup
- SMBIOS 2.7.1
- UEFI 2.3.1
- USB Keyboard support

Management



Software

- IPMI2.0, NMI, SSM, SUM, SuperDoctor® 5, Watchdog

Power Configurations

- ACPI Power Management
- Power-on mode for AC power recovery

PC Health Monitoring



Voltage

- +12V, +3.3V, +5V, +5V standby, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT

FAN

- 5x 4-pin fan headers (up to 5 fans), Fan speed control, Overheat LED indication, Thermal control tachometer fan connectors
- Thermal Monitor 2 (TM2) support
- PECI

Temperature

- Monitoring for CPU and chassis environment
- CPU thermal trip support

LED

- UID/Remote UID
- CPU / System Overheat LED

Other Features

- Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, WOL

Operating Environment

Operating Temperature Range • 0°C ~ 50°C (32°F ~ 122°F)

Non-Operating Temperature Range • -40°C - 70°C (-40°F - 158°F)

Operating Relative Humidity Range • 8% - 90% (non-condensing)

Non-Operating Relative Humidity

Visit us for more info:

<https://www.superstorage.pl/supermicro-mbd-x11ssl-single-skt-intel-c232-chipset-sata-2xgbe-ipmi-p-1697.html>